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No. 7897

**UNITED KINGDOM OF GREAT BRITAIN
AND NORTHERN IRELAND
and
UNION OF SOVIET SOCIALIST REPUBLICS**

**Agreed minute (with annex) on co-operation in the field
of agricultural research. Signed at London, on 6 Jan-
uary 1965**

Official texts: English and Russian.

*Registered by the United Kingdom of Great Britain and Northern Ireland on
18 August 1965.*

**ROYAUME-UNI DE GRANDE-BRETAGNE
ET D'IRLANDE DU NORD
et
UNION DES RÉPUBLIQUES SOCIALISTES
SOVIÉTIQUES**

**Protocole d'accord (avec annexe) relatif à la coopération
dans le domaine de la recherche agricole. Signé à
Londres, le 6 janvier 1965**

Textes officiels anglais et russe.

*Enregistré par le Royaume-Uni de Grande-Bretagne et d'Irlande du Nord le
18 août 1965.*

No. 7897. AGREED MINUTE¹ ON CO-OPERATION IN THE FIELD OF AGRICULTURAL RESEARCH BETWEEN THE MINISTRY OF AGRICULTURE, FISHERIES AND FOOD IN THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND ON THE ONE SIDE AND THE MINISTRY OF AGRICULTURE OF THE UNION OF SOVIET SOCIALIST REPUBLICS ON THE OTHER. SIGNED AT LONDON, ON 6 JANUARY 1965

Representatives of the two sides held discussions in Moscow from the 27th of October to the 3rd of November, 1964, on co-operation in agricultural research, with a view to promoting the development of scientific links and friendship between scientists of the United Kingdom and of the Soviet Union, and also the further strengthening of friendly relations between the two countries, and have agreed as follows :

1. Both sides shall promote the extension of contacts between agricultural research institutions and scientists of the United Kingdom and of the Soviet Union, by means of an exchange between them of scientific and technical information and literature, and, by mutual agreement, samples of seeds, planting material, biological preparations, scientific apparatus, and other materials, as well as by means of the exchange of visits of scientific workers.

2. Both sides regard it as desirable to establish co-operation on the subjects listed in the appended schedule. The list of these subjects may be reviewed and supplemented from time to time by mutual agreement.

3. To facilitate co-operation, both sides agree that the exchanges provided for in Paragraph 1 above shall be between the research institutions and individual scientists.

4. The programmes of work of the visiting scientists, with their names, shall be sent to the receiving country not later than thirty days before departure.

5. The country sending the scientific worker shall pay the full cost of his journey to and from the receiving country and his expenses there except that any laboratory or tuition expenses involved shall be borne by the receiving country.

¹ Came into force on 6 January 1965, upon signature, in accordance with paragraph 8.

6. For general matters arising out of this co-operation the co-ordinating centres shall be the Agricultural Research Council in the United Kingdom and the Administration for Studying the Experience of and Scientific Technical Co-operation with Foreign Countries of the Ministry of Agriculture of the Union of Soviet Socialist Republics.

7. Representatives of both sides shall meet periodically to review the progress of this co-operation. The first of these meetings shall take place in London, approximately six months after the date of entry into force of the present agreement. Subsequent meetings shall take place alternately in Moscow and London at intervals of twelve months or such other intervals as may be agreed.

8. This agreement has been concluded for a period of five years and comes into force on signature.

Either side may give notice of the termination of this agreement not less than one year before it is due to expire. Failing such notice the agreement shall remain in force for further periods of five years at a time unless notice of termination is given by either side not less than one year before the end of each five year period.

DONE in duplicate at London this sixth day of January, 1965, in the English and Russian languages, both texts being equally authoritative.

For the Ministry of Agriculture, Fisheries and Food
in the United Kingdom of Great Britain and Northern Ireland :

Frederick PEART

For the Ministry of Agriculture of the Union of Soviet Socialist Republics :

A. SOLDATOV

ANGLO-SOVIET CO-OPERATION IN AGRICULTURAL
AND HORTICULTURAL RESEARCH

SUBJECTS AGREED FOR CO-OPERATION

<i>Number</i>	<i>Subject</i>	<i>Forms of co-operation, and co-operating Institutions</i>
	<i>A. Crop production</i>	
1	Study and use of plant resources and breeding material, and study of the behaviour of species and varieties. Working out methods of selection of crops. Study of anatomical and physiological characteristics associated with winter hardiness.	Exchange of breeding material and information.* USSR—All-Union Plant Breeding Research Institute. UK —Plant Breeding Institute, Cambridge; Welsh Plant Breeding Station; Scottish Plant Breeding Station; National Vegetable Research Station; East Malling Research Station; Long Ashton Research Station; John Innes Institute; Scottish Horticultural Research Institute; National Institute of Agricultural Botany.
2	Working out methods of cultivation of vegetables in glasshouses and in conditions of protected ground. Automation of processes and regimes of cultivation. Study of the effects of various conditions on vegetable crops.	Exchange of information on results and methods of research. USSR—Vegetable Production Research Institute. UK —National Vegetable Research Station; Glasshouse Crops Research Institute.
3	Working out methods for raising the productivity of meadows and pastures. Study of factors influencing seed production in perennial herbage plants.	Exchange of information on results and methods of research. USSR—All-Union Fodder Crops Research Institute. UK —Grassland Research Institute.
4	Study of problems of the influence of fertilizers on soil properties, yield of crops and the quality of the product in potatoes, cereals, herbage, vegetables and fruit.	Exchange of information on results and methods of research. USSR—All-Union Fertilizer and Agricultural Soil Science Research Institute; Timiryazev Agricultural Academy. UK —Rothamsted Experimental Station; Macaulay Institute.

* Throughout this list the exchange of information includes the exchange of research programmes, publications and annual reports of the co-operating institutions or on the agreed subject.

Number	Subject	Forms of co-operation, and co-operating Institutions
5	Study of problems of spacing of crop plants in relation to yields under conditions of adequate supply of moisture and nutrients, and in relation to the need for mechanization.	Exchange of information on results and methods of research. USSR—All-Union Sugar Beet Research Institute; Potato Production Research Institute; Vegetable Production Research Institute; Agricultural Research Institute for the central Nonchernozem Region. UK —National Vegetable Research Station; National Agricultural Advisory Service.
6	Studies of the growth of the root systems of various crops.	Exchange of information on results and methods of research. USSR—All-Union Plant Breeding Research Institute. UK —Rothamsted.
	<i>B. Soil science</i>	
7	Studies of the structure and physical properties of soils, including the use of X-rays and differential thermal analysis methods.	Exchange of information on results and methods of research. USSR—Dokuchaev Soil Science Institute. UK —Rothamsted; Macaulay Institute; ARC Unit of Soil Physics.
8	Studies of organic matter in soils, especially the effects of organic manures on horticultural crops.	Exchange of information on results and methods of research. USSR—Dokuchaev Soil Science Institute; Horticultural Research Institute for the Nonchernozem Region. UK —Rothamsted; Macaulay Institute; National Vegetable Research Station.
9	Studies on soil microbiology, including the effects of continued application of pesticides (particularly herbicides) on the microflora of the soil.	Exchange of information on results and methods of research. USSR—All-Union Agricultural Microbiology Research Institute; UK —Rothamsted; Macaulay Institute.

Number	Subject	Forms of co-operation, and co-operating Institutions
<i>C. Plant protection</i>		
10	Development and improvement of methods for predicting the appearance, growth and spread of the most important pests and diseases of crops.	Exchange of information. USSR—All-Union Plant Protection Research Institute. UK —Rothamsted; M.A.F.F. Plant Pathology Laboratory.
11	Development and improvement of microbiological methods of control of pests and diseases.	Exchange of information on the search for and study of bacterial, fungal, and virus diseases of harmful insects, also of antibiotics and antagonistic micro-organisms for disease control. USSR—All-Union Plant Protection Research Institute; Ukrainian Plant Protection Research Institute. UK —Rothamsted; ARC Unit of Insect Physiology; ARC Virus Research Unit; ARC Pest Infestation Laboratory.
12	Control of insects and nematodes in soil.	Exchange of information on results of research on the insect and nematode fauna of soils, and methods of control. USSR—All-Union Plant Protection Research Institute. UK —Rothamsted.
13	Development of methods of diagnosing fireblight of fruit trees.	Exchange of information. USSR—The USSR Ministry of Agriculture Central Quarantine Laboratory. UK —East Malling Research Station.
14	Development and testing of new pesticides; mechanisation of application.	Exchange of information. USSR—All-Union Plant Protection Research Institute; All-Union Institute for Chemical means of Plant Protection. UK —Rothamsted; East Malling; Long Ashton; National Institute of Agricultural Engineering.

Number	Subject	Forms of co-operation, and co-operating Institutions
15	Development of analytical methods, and organization of control of residual amounts of pesticides in food products and feedings stuffs. Permissible limits of residues of pesticides.	Exchange of information, including analytical methods. (Both sides are co-operating with EPPO on this subject.) USSR—All-Union Plant Protection Research Institute; Committee on Research and Regulation of Pesticides, USSR Ministry of Public Health. UK —MAFF Plant Pathology Laboratory.
16	Development of methods of early diagnosis of virus diseases of potatoes, sugar beet, peas and fruit.	Exchange of information on results of research and methods of early diagnosis. USSR—All-Union Plant Protection Research Institute; All-Union Sugar Beet Research Institute; Timiryazev Agricultural Academy. UK —Rothamsted; Scottish Plant Breeding Station; East Malling; Scottish Horticultural Research Institute.
17	Study of the nature of the resistance of pests to pesticides, and methods of overcoming this resistance.	Exchange of information. USSR—All-Union Plant Protection Research Institute. UK —ARC Pest Infestation Laboratory; Rothamsted.
18	Development of methods of fumigation of agricultural products on ships, in large stores and under tents, and fumigation of planting material, fruits and vegetables; fumigants and equipment.	Exchange of information and methods. USSR—The USSR Ministry of Agriculture Central Quarantine Laboratory. UK —ARC Pest Infestation Laboratory.
<i>D. Livestock Production</i>		
19	Study of problems of livestock and poultry feeding at all stages and particularly their requirements of amino acids.	Exchange of information. USSR—All-Union Research Institute for Physiology and Biochemistry of Livestock; All-Union Poultry Research Institute; All-Union Animal Husbandry Research Institute.

Number	Subject	Forms of co-operation, and co-operating Institutions
		UK —National Institute for Research in Dairying; Poultry Research Centre; Rowett Research Institute.
20	Study of the problems of the physiology of digestion with a view to increasing the assimilation and efficiency of feeds for livestock, including poultry.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; All-Union Research Institute for Physiology and Biochemistry of Livestock; All-Union Poultry Research Institute. UK —Rowett Research Institute; National Institute for Research in Dairying; Poultry Research Centre.
21	Study of the value of non-protein sources of nitrogen (such as urea) for ruminant animals kept mainly on roughages.	Exchange of information. USSR—All-Union Research Institute for Physiology and Biochemistry of Livestock All-Union Animal Husbandry Research Institute. UK —National Agricultural Advisory Service.
22	Study of methods of silage making (air-tight and other types of towers and trenches) and the evaluation of its quality and the output of animal products from a unit area of land.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute. UK —National Institute for Research in Dairying; National Agricultural Advisory Service.
23	Study of methods of development of meat producing and egg-laying strains of poultry with a view to producing hybrid poultry of both types.	Exchange of information. USSR—All-Union Poultry Research Institute. UK —National Agricultural Advisory Service.
24	Effect of environment, especially temperature and humidity on poultry productivity.	Exchange of information. USSR—All-Union Poultry Research Institute. UK —National Agricultural Advisory Service.
25	Study of blood groups and other inherited biochemical properties of poultry in relation to productivity.	Exchange of information. USSR—All-Union Poultry Research Institute. UK —National Agricultural Advisory Service.

<i>Number</i>	<i>Subject</i>	<i>Forms of co-operation, and co-operating Institutions</i>
26	Study of vegetative hybridization of poultry.	Exchange of information. USSR—Pushkin Laboratory of Animal Breeding Research; All-Union Poultry Research Institute. UK —National Agricultural Advisory Service.
27	Study of behaviour of birds in large poultry houses under different systems of intensive management, and the economic efficiency of these systems.	Exchange of information. USSR—All-Union Poultry Research Institute. UK —National Agricultural Advisory Service.
28	Study of poultry and pig houses and their equipment. The mechanization and automation of production processes in poultry and pig husbandry.	Exchange of information. USSR—All-Union Poultry Research Institute; All-Union Research Institute for Agricultural Electrification; Poltava Pig Husbandry Research Institute. UK —National Agricultural Advisory Service.
29	Study of the genetical and other problems involved in the production of cattle with good milk and beef.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; Ukrainian Forest and Steppe Animal Husbandry Research Institute. UK —ARC Unit of Animal Genetics.
30	Application of genetic principles of breeding, using a large number of sheep.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; All-Union Sheep and Goat Breeding Research Institute. UK —National Agricultural Advisory Service.
31	Study of the influence of environmental conditions on the productivity of cattle.	Exchange of information. USSR—Ukrainian Forest and Steppe Animal Husbandry Research Institute; Krasnodar Agricultural Research Institute. UK —National Agricultural Advisory Service.
32	Study of the problems of carcass evaluation before and after slaughter.	Exchange of information. USSR—All-Union Meat Industry Research Institute; All-Union Animal Husbandry Research Institute. Don Agricultural Research Institute.

Number	Subject	Forms of co-operation, and co-operating Institutions
33	Study of problems of sheep-feeding, both outdoors and indoors, during winter.	UK —ARC Meat Research Institute; National Agricultural Advisory Service. Exchange of information. USSR—All-Union Animal Husbandry Research Institute; All-Union Sheep and Goat Breeding Research Institute. UK —Hill Farming Research Organization; National Agricultural Advisory Service.
34	To study the possibility of combining fertility and good maternal qualities of sows with rapid growth and good carcass qualities of offspring.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; Poltava Pig Husbandry Research Institute. UK —Animal Breeding Research Organization.
35	Study of artificial insemination in the pig industry.	Exchange of information. USSR—Poltava Pig Husbandry Research Institute; All-Union Animal Husbandry Research Institute. UK —MAFF Cattle-Breeding Centre.
36	Study of artificial insemination of sheep.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; All-Union Sheep and Goat Breeding Research Institute. UK —MAFF Cattle Breeding Centre.
<i>E. Veterinary science</i>		
37	Research into highly sensitive cell cultures for the most economic large-scale production of foot and mouth disease virus with preservation of its biological properties. Production of vaccines against foot and mouth disease in pigs (types A and O).	Exchange of information and strains of foot and mouth disease virus (including variants) for typing. USSR—All-Union Research Institute of Experimental Veterinary Medicine; State Research Institute for Control of Veterinary Preparations. UK —Animal Virus Research Institute.

Number	Subject	Forms of co-operation, and co-operating Institutions
38	Study of serological and allergic tests for paratuberculosis (Johne's disease).	Exchange of information, strains of <i>M. Johnei</i> and allergens and antigens. USSR—All-Union Research Institute of Experimental Veterinary Medicine. UK —MAFF Central Veterinary Laboratory.
39	Improvement of methods for controlling respiratory diseases, leucoses and pasteurellosis of poultry.	Exchange of information on research projects and their results and of strains of viruses, bacteria, antigens and sera. USSR—All-Union Research Institute of Experimental Veterinary Medicine. Ukrainian Research Institute of Experimental Veterinary Medicine, Kharkov. State Research Institute for Control of Veterinary Preparations. UK —MAFF Central Veterinary Laboratory; Houghton Poultry Research Station.
40	Serological and allergic tests for immunity to helminths.	Exchange of information on progress in research. USSR—All-Union Research Institute of Helminthology. UK —MAFF Central Veterinary Laboratory; Animal Diseases Research Association.
41	The treatment of acute fascioliasis.	Exchange of information progress in research. USSR—All-Union Research Institute of Helminthology. UK —MAFF Central Veterinary Laboratory.
42	Study of respiratory and enteric infections in pigs using disease-free pigs for the purpose of establishing etiology and development of control measures.	Exchange of information on progress in research, and of strains of viruses and antisera. USSR—All-Union Research Institute of Experimental Veterinary Medicine; Poltava Experimental Veterinary Research Station.

Number	Subject	Forms of co-operation, and co-operating Institutions
43	Improvement of measures for controlling enterotoxaemia, disturbances of mineral metabolism and abortion in sheep.	<p>UK —MAFF Central Veterinary Laboratory; Institute for Research on Animal Diseases.</p> <p>Exchange of information on progress in research, and of strains of virus and antisera.</p> <p>USSR—All-Union Research Institute of Experimental Veterinary Medicine.</p> <p>UK —Animal Diseases Research Association; Rowett Research Institute.</p>
44	Studies on epidemiology and methods of control of mastitis and infertility in cattle.	<p>Exchange of information and materials (viruses, bacteria, antisera).</p> <p>USSR—All-Union Research Institute for Experimental Veterinary Medicine; All-Union Research Institute for Veterinary Sanitation; All-Union Animal Husbandry Research Institute.</p> <p>UK —MAFF Central Veterinary Laboratory. National Institute for Research in Dairying; Institute for Research on Animal Diseases.</p>
45	Development of International and National Standards for Biological products.	<p>Exchange of information.</p> <p>USSR—State Research Institute for Control of Veterinary Preparations.</p> <p>UK —MAFF Central Veterinary Laboratory.</p>
46	Study of non-specific sensitisation of cattle to tuberculin.	<p>Exchange of information and tuberculins.</p> <p>USSR—All-Union Research Institute of Experimental Veterinary Medicine.</p> <p>UK —MAFF Central Veterinary Laboratory.</p>
47	Study of mycotoxycoses (fungal toxins) in farm livestock.	<p>Exchange of information.</p> <p>USSR—All-Union Research Institute for Veterinary Sanitation;</p>

Number	Subject	Forms of co-operation, and co-operating Institutions
		All-Union Research Institute of Experimental Veterinary Medicine. UK —MAFF Central Veterinary Laboratory.
	<i>F. Farm mechanization</i>	
48	Study of the organization of research work in the field of agricultural machinery construction. Study of methods of increasing the reliability and durability of agricultural machinery.	Exchange of information. USSR—All-Union Research Institute of Agricultural Machinery Construction. UK —National Institute of Agricultural Engineering.
49	Study of experimental work on construction of hydraulic (including hydrostatic) transmissions for tractors. Working out problems of durability and reliability of tractor engines (and their components).	Exchange of information. USSR—All-Union Tractor Construction Research Institute. UK —National Institute of Agricultural Engineering.
50	Study of machinery for thinning operations on row-crops and its use in the field.	Exchange of information. USSR—All-Union Research Institute of Agricultural Machinery Construction. UK —National Institute of Agricultural Engineering.
51	Study of rotary cultivators (rotavators) and their use in the field.	Exchange of information. USSR—All-Union Research Institute for Mechanization of Agriculture. UK —National Institute of Agricultural Engineering.
52	Use of time-and-motion studies in planning farming operations and choice of optimum machinery for various circumstances.	Exchange of information. USSR—All-Union Research Institute for Mechanization of Agriculture. UK —National Agricultural Advisory Service.
53	Study of the practice of grain and grass-seed drying.	Exchange of information. USSR—All-Union Research Institute for Mechanization of Agriculture. UK —National Institute of Agricultural Engineering.
54	Study of methods for testing agricultural machinery.	Exchange of technical information on methods for testing tractors, engines and agricultural machinery. USSR—Kuban Research Institute for Testing Tractors and Agricultural Machinery. UK —National Institute of Agricultural Engineering.

Number	Subject	Forms of co-operation, and co-operating Institutions
55	Investigation of the effect of milking machine design on speed of milking; and of equipment for handling milk.	Exchange of information. USSR—All-Union Animal Husbandry Research Institute; All-Union Research Institute for Agricultural Electrification. UK —National Institute for Research in Dairying.
56	Study of the use of radio-active isotopes for the control and automation of agricultural processes, and for machinery testing.	Exchange of information. USSR—All-Union Research Institute for Agricultural Electrification. UK —National Institute of Agricultural Engineering.
57	Study of automatic regulation and control of agricultural machinery.	Exchange of information. USSR—All-Union Research Institute of Agricultural Machinery Construction; All-Union Research Institute for Mechanization of Agriculture; All-Union Research Institute for Agricultural Electrification. UK —National Institute of Agricultural Engineering; National Agricultural Advisory Service.
58	Study of the best methods for potato harvesting.	Exchange of information. USSR—All-Union Research Institute for Mechanization of Agriculture. UK —National Institute of Agricultural Engineering.
<i>G. Water economy</i>		
59	Study of water regimes and irrigation effects on the development of agricultural crops at different stages of growth and also study of irrigation methods.	Exchange of information. USSR—All-Union Research Institute for Hydrotechnics and Land Improvement. Northern Research Institute for Hydrotechnics and Land Improvement. UK —Rothamsted; National Institute of Agricultural Engineering; National Vegetable Research Station.
60	Study of the effects of drainage on the growth and development of agricultural crops, and methods of construction of drainage works of different materials; and of methods of reclamation and development of floodlands.	Exchange of information. USSR—Latvian Research Institute for Irrigation and Land Improvement. All-Union Research Institute for Hydrotechnics and Land Improvement. UK —ARC Unit of Soil Physics; Drainage Division, MAFF;

<i>Number</i>	<i>Subject</i>	<i>Forms of co-operation, and co-operating Institutions</i>
61	Study of experience in mechanization of water supply for dairy farms and in application of plastic materials to water supply.	<p>National Institute of Agricultural Engineering; National Agricultural Advisory Service.</p> <p>Exchange of information on methods of using equipment for water supply to dairy farms. USSR—All-Union Research Institute for Hydro-technics and Land Improvement. UK —Land Drainage Division; MAFF.</p>

Delegations will be exchanged in the course of 1965 in the general fields described by the subject headings A to G above. Each side will select in agreement with the other the general fields in which it wishes to send delegations. These exchanges of delegations will be arranged by the co-ordinating centres, namely, by the Agricultural Research Council in the United Kingdom and by the Administration for Studying the Experience of and Scientific Technical Co-operation with Foreign Countries of the Ministry of Agriculture in the U.S.S.R.

BRITISH RESEARCH INSTITUTIONS FOR CO-OPERATION
WITH CORRESPONDING SOVIET INSTITUTIONS

<i>No.</i>	<i>Name of Institution</i>	<i>Address</i>	<i>Name of Director</i>
1	Rothamsted Experimental Station . .	Harpenden, Herts.	F. C. Bawden.
2	Agricultural and Horticultural Research Station	Long Ashton, Bristol, Glouc.	Professor H. G. H. Kearns.

No.	Name of Institution	Address	Name of Director
3	John Innes Institute	Bayfordbury, Hertford, Herts.	K. S. Dodds.
4	Plant Breeding Institute	Maris Lane, Trump- ington, Cambridge.	G. D. H. Bell.
5	East Malling Research Station	East Malling, Maid- stone, Kent.	F. R. Tubbs.
6	Glasshouse Crops Research Institute	Rustington, Littlehamp- ton, Sussex.	F. W. Toovey.
7	Welsh Plant Breeding Station	Plas Gogerddan, Aber- ystwyth, Wales.	Professor P. T. Tho- mas.
8	Scottish Plant Breeding Station	Pentlandfield, Roslin, Midlothian, Scotland.	J. W. Gregor.
9	Macaulay Institute for Soil Research	Craigiebuckler, Aber- deen.	A. B. Stewart.
10	Grassland Research Institute	Hurley, Maidenhead, Berks.	E. K. Woodford.
11	ARC Pest Infestation Laboratory	London Road, Slough, Bucks.	G. V. B. Herford.
12	National Vegetable Research Station	Wellesbourne, Warwick.	J. Philp.
13	Scottish Horticultural Research Institute	Mylnefield, Invergowrie, By Dundee, Scotland.	T. Swarbrick.
14	National Institute of Agricultural En- gineering	Wrest Park, Silsoe, Beds.	C. J. Moss.
15	ARC Virus Research Unit	Huntingdon Road, Cam- bridge.	R. Markham.
16	ARC Unit of Insect Physiology	Department of Zoology, University of Cam- bridge, Cambridge.	Professor Sir Vincent Wigglesworth.

<i>No.</i>	<i>Name of Institution</i>	<i>Address</i>	<i>Name of Director</i>
17	ARC Unit of Soil Physics	School of Agriculture, University of Cam- bridge, Cambridge.	E. C. Childs.
18	MAFF Plant Pathology Laboratory . .	Harpenden, Herts.	M. Cohen.
19	National Institute of Agricultural Botany	Huntingdon Road, Cam- bridge.	F. Horne.
20	Central Veterinary Laboratory, Ministry of Agriculture, Fisheries and Food . .	New Haw, Weybridge, Surrey.	H. I. Field.
21	National Agricultural Advisory Service .	Great Westminster House, Horseferry Road, London, S.W.1.	P. J. Macfarlan.
22	Cattle Breeding Centre	Shinfield, Reading, Berks.	D. L. Stewart.
23	National Institute for Research in Dairy- ing	Shinfield, Reading, Berks.	Professor R. G. Baskett.
24	Animal Breeding Research Organization	Glenbourne, S. Oswald Road, Edinburgh 9.	Dr. H. P. Donald.
25	Institute for Research on Animal Diseases	Compton, Newbury, Berks.	Dr. W. S. Gordon.
26	Hannah Dairy Research Institute . . .	Kirkhill, Ayr.	Dr. J. A. B. Smith.

No.	Name of Institution	Address	Name of Director
27	Hill Farming Research Organization . .	48 Palmerston Place, Edinburgh 12.	A. R. Wannop.
28	Houghton Poultry Research Station . .	Houghton, Hunts.	D. R. F. Gordon.
29	Meat Research Institute	Low Temperature Re- search Station, Down- ing Street, Cambridge.	Dr. M. Ingram.
30	Animal Diseases Research Association .	Moredun Institute, Edinburgh.	Dr. J. T. Stamp.
31	Animal Virus Research Institute . . .	Pirbright, Woking, Surrey.	Dr. J. B. Brooksby.
32	Poultry Research Centre	King's Buildings, West Mains Road, Edin- burgh 9.	Dr. T. C. Carter.
33	Rowett Research Institute	Bucksburn, Aberdeen.	Dr. D. P. Cuthbert- son.
34	ARC Unit of Animal Genetics	Institute of Animal Ge- netics, University of Edinburgh, West Mains Road, Edin- burgh 9.	Professor C. H. Wad- dington.
35	MAFF Land Drainage	Great Westminster House, Horseferry Road, London, S.W.1.	E. A. G. Johnson.

SOVIET RESEARCH INSTITUTIONS FOR CO-OPERATION
WITH CORRESPONDING BRITISH INSTITUTIONS

No.	<i>Name of Institution in English (Transliteration of Russian name)</i>	<i>Address</i>	<i>Director's Name (reference to schedule)</i>
1	All-Union Plant Breeding Research Institute (Vsesoyuzny nauchnoissledovatel'skii Institut Rastenievodstva).	Leningrad, ul. Gertsena 44.	Prof. I. A. Sizov (1, 6).
2	All-Union Plant Protection Research Institute (Vsesoyuzny n-i Institut zaschiti rasteni).	Leningrad, ul. Gertsena 42.	Academician I. M. Poliakov (10-12, 14-17).
3	All-Union Sugar Beet Research Institute (Vsesoyuzny n-i Institut sakharnoy svyokly).	Kiev, 110, Klinicheskaya 25.	Academician I. F. Buzanov (5, 16).
4	V. R. Williams All-Union Fodder-crops Research Institute (Vsesoyuzny n-i Institut Kormov in. V. R. Villiamsa).	Moskovskaia obl., Solnechnogorsky r-n, P. O. Lugovaya.	Dr. A. I. Tiutiunnikov (3).
5	All-Union Fertiliser and Agricultural Soil Science Research Institute (Vsesoyuzny n-i Institut udobreni i agropochvovedeniya).	Moscow, A-8, ul. Priishnikovaya 31.	Dr. G. A. Cheremisinov (4).
6	Vegetable Production Research Institute (n-i Institut ovoschnovo khozyaistva).	Moscow, Perlovskaya.	I. K. Shaumyan (2, 5).
7	Potato Production Research Institute (n-i Institut Kartofelnovo khozyaistva).	Moskovskaia obl., S. Korenevo, P.O. Kraskovo 2.	N. S. Batsanov (5).
8	Agricultural Research Institute for the Central Nonchernozem Region (n-i Institut Selskovo khozyaistva Tsentralnykh Raionov Nechernozemnoi Polosy).	Moscow, Nemchinovka.	Dr. E. T. Varenitsa (5).
9	V. V. Dokuchaev Soil Science Institute (Pochvenny Institut im. V. V. Dokuchaeva).	Moscow, B-17, Pyzhevskiper 7.	Academician S. S. Sobolev (7, 8).
10	All-Union Agricultural Microbiology Research Institute (Vsesoyuzny n-i Institut Selskokhozyaistvennoi Mikrobiologi).	Leningrad, ul. Gertsena 42.	Mr. Ja. P. Khudiakov
11	Horticultural Zonal Research Institute for the Nonchernozem Region (n-i zonalny Institut Sadovodstva Nechernozemnoi Polosy).	Moscow, B-403, Biryulevo.	V. G. Trushechkin (8).

No.	Name of Institution in English (Transliteration of Russian name)	Address	Director's Name (reference to schedule)
12	Timiryazev Agricultural Academy (Selskokhozyaistvennaya akademiya im K. A. Timiryazeva).	Moscow, A-8, Timiryazevskaya, ul. 49.	I. S. Shatilov (4, 16).
13	Ukrainian Plant Protection Research Institute (Ukrainskii n-i institut zaschiti rasteni).	Kiev, 22, Vasilkovskaya, ul. 51.	Academician V. P. Vasiliev (11).
14	All-Union Research Institute for Plant-protecting Chemicals (Vsesoyuzny n-i institut khimicheskikh sredstv zaschiti rastenii).	Moscow, Ugreshskaya, 33.	N. N. Yukhtin (14).
15	All-Union Animal Husbandry Research Institute (Vsesoyuzny n-i institut zhivotnovodstva).	Moskovskaia obl., Podolski r-n, Dubrovitsi.	Prof. A. S. Vsiakikh (19-22, 29, 30, 32-36, 44, 55).
16	All-Union Poultry Research Institute (Vsesoyuzny n-i institut pitsevodstva).	Moskovskaia obl., g. Zagorsk, Ptitsegrad.	K. G. Panskikh (19, 20, 23-28).
17	All-Union Research Institute for Physiology and Biochemistry of Livestock (Vsesoyuzny n-i institut fiziologii i biochimi sel'skokhozyaistvennykh zhivotnykh).	Kaluzhskaia obl., g. Borovsk.	Prof. N. A. Shmanenkov (19-21).
18	All-Union Sheep and Goat Breeding Research Institute (Vsesoyuzny n-i institut ovtsevodstva i kozovodstva).	Stavropolski Krai, g. Stavropol.	V. S. Zarytovsky (30, 33, 36).
19	Pushkin Laboratory of Animal Breeding Research (Pushkinskaya n-i laboratoriya razvedeniya sel'skokhozyaistvennykh zhivotnykh).	Leningradskaya obl., g. Pushkin.	Prof. M. M. Lebedev (26).
20	Ukrainian Forest and Steppe Animal Husbandry Research Institute (N-i institut zhivotnovodstva lesostepi i Polesya Ukrainskoi S.S.R.).	Ukrainian S.S.R., g. Kharkov.	Prof. I. A. Danilenko (29, 31).
21	Krasnodar Agricultural Research Institute (Krasnodarski n-i institut sel'skovo khozyaistva).	Krasnodarski Krai, g. Krasnodar.	Dr. I. T. Efimov (31).
22	All-Union Meat Industry Research Institute (Vsesoyuzny n-i institut myasnoi promyshlennosti).	Moscow, ul. Talalikhina 26.	V. M. Gorbatov (32).

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23	Poltava Pig-Husbandry Research Institute (Poltavski n-i institut svinovodstva).	Ukrainskaya SSR, Poltava.	N. T. Balashov (28, 34, 35).
24	All-Union Research Institute of Experimental Veterinary Medicine (Vsesoyuzny n-i institut eksperimentalnoi veterinarii)	Moscow, Zh-378, V.I.E.V.	Academician Prof. Ja. R. Kovalenko (37-39, 42-44, 46-47).
25	State Research Institute for Control of Veterinary Preparations (Gosudarstvenny nauchno kontrolny institut veterinarnykh preparatov).	Moscow, Zvenigorodskoe Chausse, 5.	Prof. S. G. Kolesov (37, 39, 45).
26	All-Union Research Institute for Veterinary Sanitation (Vsesoyuzny n-i institut veterinarnoi sanitarii).	Moscow, Zvenigorodskoe Chausse, 5.	Prof. A. A. Poliakov (44, 47).
27	Academician K. I. Skriabin All-Union Research Institute of Helminthology (Vsesoyuzny n-i institut gelmintologii im. akademika K. I. Skriabina).	Moscow, B. Cheremushkinskaya, 30.	Prof. V. S. Yershov (40, 41).
28	Ukrainian Research Institute of Experimental Veterinary Medicine (Ukrainski n-i institut eksperimentalnoi veterinarii)	Kharkov, Pushkinskaya, 83.	Dr. I. N. Gladenko (39).
29	Poltava Experimental Veterinary Research Station (Poltavskaia n-i veterinarno-opytная stantsiya).	Poltava, ul. Frunze, 153.	T. V. Pashov (42).
30	All-Union Research Institute for Mechanization of Agriculture (Vsesoyuzny n-i institut mekhanizatsii sel'skovo khoziaistva).	Moscow, Zh-389.	N. N. Levykin (51-53, 57, 58).
31	All-Union Research Institute for Agricultural Electrification (Vsesoyuzny n-i institut elektrifikatsii sel'skovo khoziaistva).	Moscow, Zh-389.	A. V. Demin (28, 55, 56, 57).
32	All-Union Research Institute of Agricultural Machinery Construction (Vsesoyuzny n-i institut stroitel'stva mashinostroeniya).	Moscow, 411, Leonozovo.	A. I. Buyanov (48, 50, 57).
33	Kuban Research Institute for Testing Tractors and Agricultural Machinery (Kubanski n-i institut ispytaniya traktorov i sel'skokhoziaistvennykh mashin).	Krasnodarski Krai, Novokubanski r-n, P.O. "Maiak Revoliutsii"	A. T. Korobeiniko (54).

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34	All-Union Research Institute for Hydrotechnics and Land Improvement (Vsesoyuzny n-i institut gidrotekhniki i melioratsii).	Moscow, A-8, ul. Priarishnikova, 19-a.	I. I. Kovalenko (59-61).
35	Northern Research Institute for Hydrotechnics and Land Improvement (Severny n-i institut gidrotekhniki i melioratsii).	Leningrad ul. Rakova, 17.	N. S. Gubar (59).
36	Latvian Research Institute for Irrigation and Land Improvement (Latviiski n-i institut irrigatsii i melioratsii).	Elgava, ul. Dobeles, 41/43.	P. V. Sviklis (60).
37	The USSR Ministry of Agriculture Central Quarantine Laboratory (Tsentralnaya karantinaya laboratoraya Ministerstva selskovo Khozyaistva SSSR).	Moscow, I-139, Orlikov per., I/II.	D. P. Davnar-Zapolsky (13, 18).
38	Committee on Research and Regulation of Pesticides, USSR Ministry of Public Health (Komitet po izucheniyu i reglamentatsii yadokhimikatov Ministerstva zdravookhraneniya SSSR).	Kiev, Chkalova, 33.	Dr. L. I. Medved (15).
39	Don Agricultural Research Institute (Donskoi n-i institut selskovo khozyaistva).	Rostovskaya obl., Aksaisky r-n., pos. Rassvet.	F. F. Kirillov (32).
40	All-Union Tractor Construction Research Institute (Vsesoyuzny n-i institut traktorostroeniya).	Moscow, ul. Verkhniaya 34.	Prof. V. A. Kargopolov (49).